

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029719.D
 Acq On : 29 Apr 2021 21:13
 Operator : CG/JU
 Sample : M2217-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HTCVR2-GRAB-CF02-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	70	78	86	rVB	28589	47840	1.22%	0.213%
2	3.822	151	159	168	rBV	29433	43522	1.11%	0.194%
3	4.163	213	217	223	rVB	40083	47930	1.22%	0.214%
4	4.757	304	318	324	rBV5	32232	66786	1.70%	0.298%
5	5.198	386	393	399	rBV	1029142	1451671	36.95%	6.467%
6	5.257	399	403	410	rVB	48650	88634	2.26%	0.395%
7	5.628	459	466	473	rVB2	93629	135154	3.44%	0.602%
8	6.240	561	570	573	rBV3	24681	43751	1.11%	0.195%
9	6.592	620	630	636	rBV2	17387	41397	1.05%	0.184%
10	6.781	651	662	676	rBV	927954	1541762	39.24%	6.868%
11	7.228	732	738	748	rBV2	90666	208212	5.30%	0.928%
12	7.598	791	801	811	rBV	233137	409576	10.42%	1.825%
13	8.234	904	909	924	rVB3	24180	63048	1.60%	0.281%
14	8.751	991	997	1005	rBV	559978	924331	23.53%	4.118%
15	8.822	1005	1009	1019	rVB	110900	170055	4.33%	0.758%
16	10.375	1262	1273	1280	rBV2	328905	675636	17.20%	3.010%
17	11.404	1443	1448	1459	rBV3	28647	55283	1.41%	0.246%
18	11.569	1467	1476	1484	rBV3	34948	60566	1.54%	0.270%
19	11.816	1510	1518	1526	rBV	136519	222388	5.66%	0.991%
20	11.933	1530	1538	1545	rVV5	27688	60217	1.53%	0.268%
21	12.045	1545	1557	1564	rVB2	39182	82041	2.09%	0.365%
22	12.269	1589	1595	1598	rBV	26504	46433	1.18%	0.207%
23	12.863	1688	1696	1709	rVV	1770009	2561213	65.19%	11.409%
24	13.074	1724	1732	1739	rBV	177553	267008	6.80%	1.189%
25	13.416	1782	1790	1796	rBV3	31371	84883	2.16%	0.378%
26	13.563	1810	1815	1819	rBV	37547	56876	1.45%	0.253%
27	13.616	1819	1824	1829	rVB	40808	60057	1.53%	0.268%
28	13.710	1835	1840	1843	rBV	62870	101989	2.60%	0.454%
29	13.733	1843	1844	1849	rVV3	39325	40764	1.04%	0.182%
30	14.157	1910	1916	1923	rBV	168579	222305	5.66%	0.990%
31	14.245	1923	1931	1937	rBV	472430	730474	18.59%	3.254%
32	14.457	1962	1967	1977	rVB5	15034	46337	1.18%	0.206%
33	14.651	1996	2000	2006	rVB3	28792	47853	1.22%	0.213%
34	14.721	2007	2012	2018	rVV2	30772	48248	1.23%	0.215%
35	14.780	2018	2022	2029	rVB4	28082	43680	1.11%	0.195%
36	14.868	2030	2037	2042	rVV3	21553	48911	1.24%	0.218%

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Integrator: RTE

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.039	2059	2066	2070	rBV5	20783	42750	1.09%	0.190%
38	15.115	2074	2079	2084	rVB	149049	189289	4.82%	0.843%
39	15.515	2142	2147	2152	rBV2	35549	60637	1.54%	0.270%
40	15.739	2178	2185	2192	rBV	1389770	1956307	49.79%	8.715%
41	15.974	2220	2225	2239	rVB	171352	296640	7.55%	1.321%
42	16.768	2355	2360	2364	rVV	123734	158312	4.03%	0.705%
43	16.815	2364	2368	2379	rVB2	39649	79759	2.03%	0.355%
44	16.992	2392	2398	2403	rBV	523324	758671	19.31%	3.380%
45	17.092	2409	2415	2422	rVB7	20597	44977	1.14%	0.200%
46	17.504	2480	2485	2490	rVB	126982	155226	3.95%	0.691%
47	17.898	2548	2552	2558	rBV4	92732	153109	3.90%	0.682%
48	18.051	2574	2578	2582	rVV	48052	66613	1.70%	0.297%
49	18.098	2583	2586	2593	rVB	29627	43268	1.10%	0.193%
50	18.192	2598	2602	2606	rBV	127265	155784	3.97%	0.694%
51	18.786	2699	2703	2707	rBV	52701	80857	2.06%	0.360%
52	18.833	2707	2711	2717	rVB2	139863	177472	4.52%	0.791%
53	19.056	2745	2749	2753	rBV2	32613	40439	1.03%	0.180%
54	19.186	2767	2771	2778	rBV8	35316	79942	2.03%	0.356%
55	19.415	2806	2810	2813	rBV	126513	154282	3.93%	0.687%
56	19.627	2840	2846	2856	rBV	3318270	3928903	100.00%	17.502%
57	19.950	2897	2901	2904	rVB	131715	138271	3.52%	0.616%
58	20.445	2982	2985	2990	rVB	111875	115901	2.95%	0.516%
59	20.909	3060	3064	3070	rBV	299679	408771	10.40%	1.821%
60	21.174	3105	3109	3118	rBV	719598	1013667	25.80%	4.516%
61	21.339	3134	3137	3144	rBV	127613	169368	4.31%	0.754%
62	21.762	3207	3209	3212	rBV3	95131	94314	2.40%	0.420%
63	23.356	3475	3480	3486	rVB2	575467	1037758	26.41%	4.623%

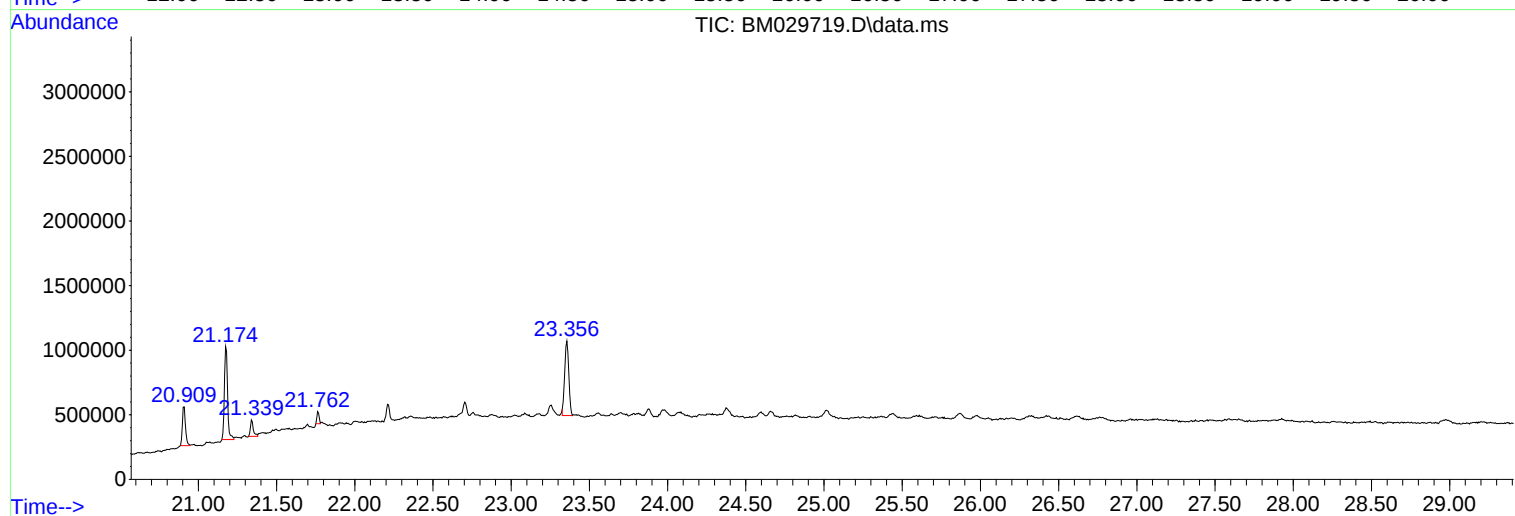
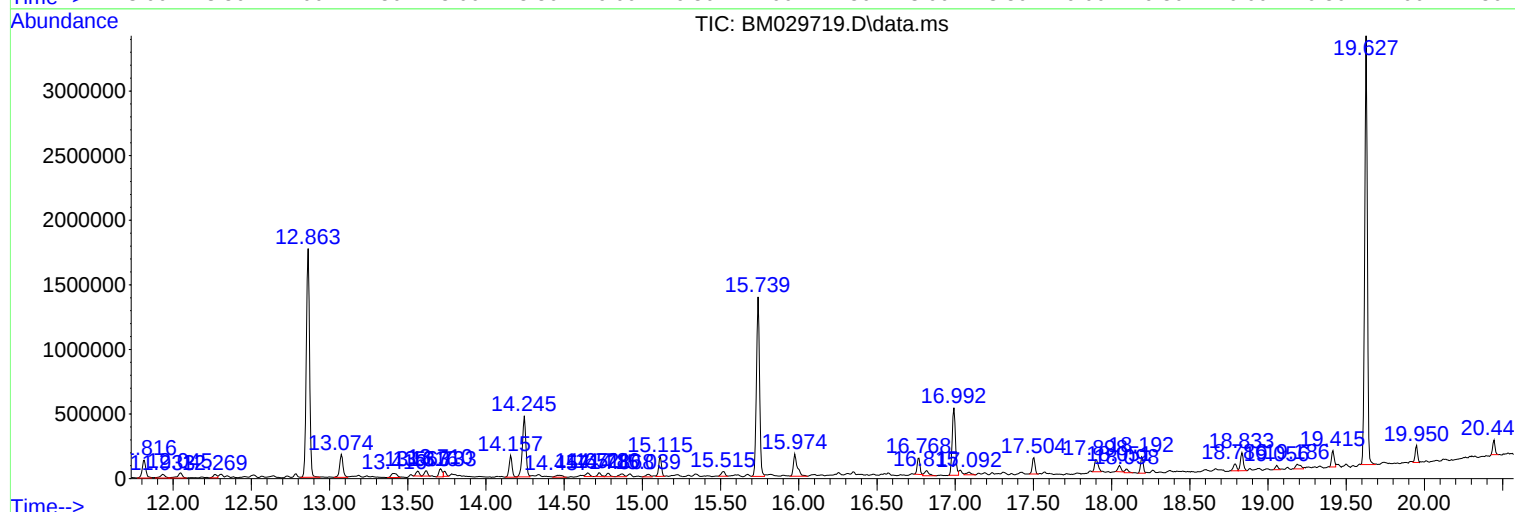
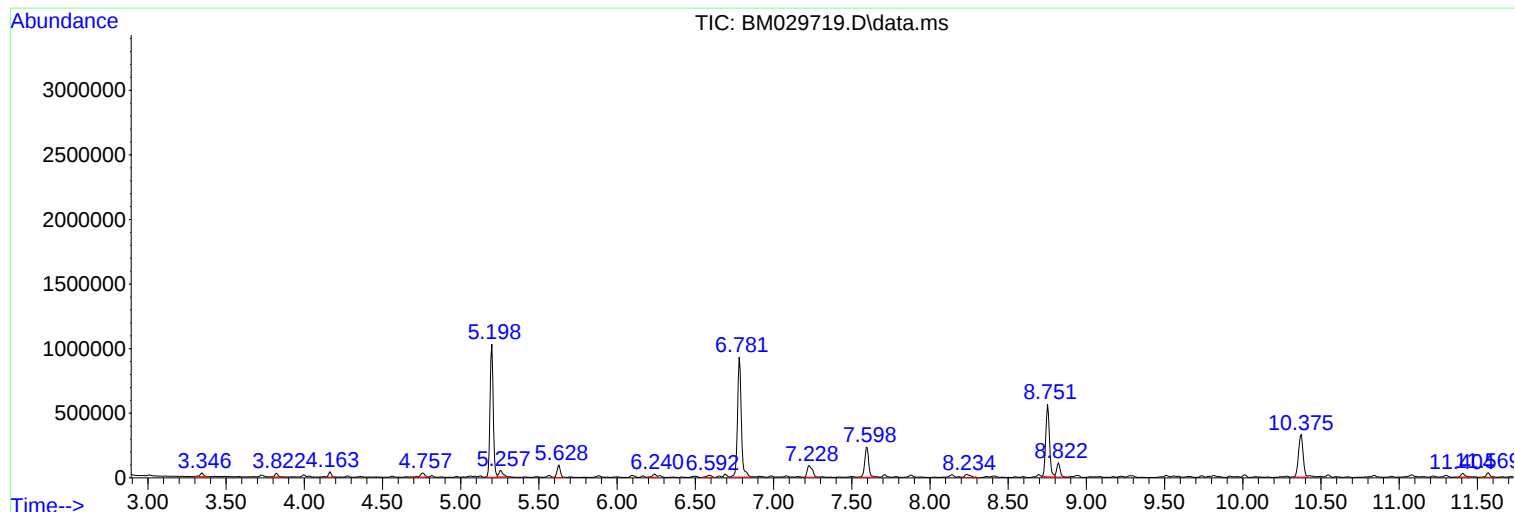
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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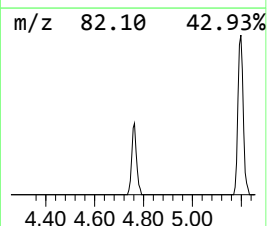
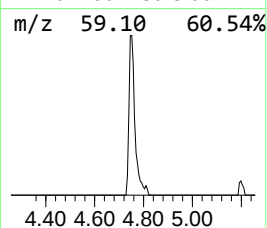
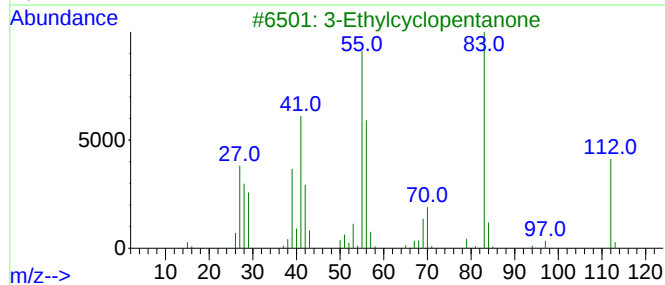
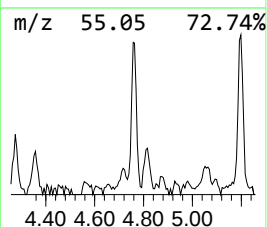
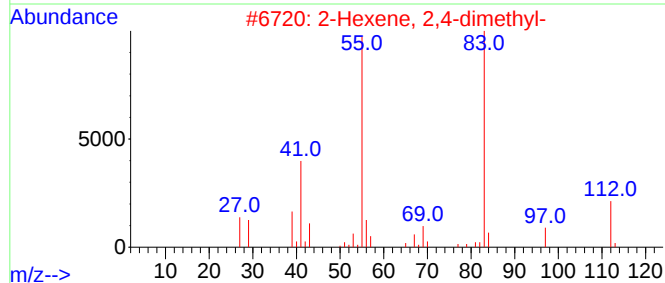
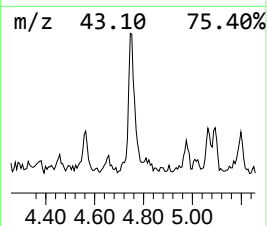
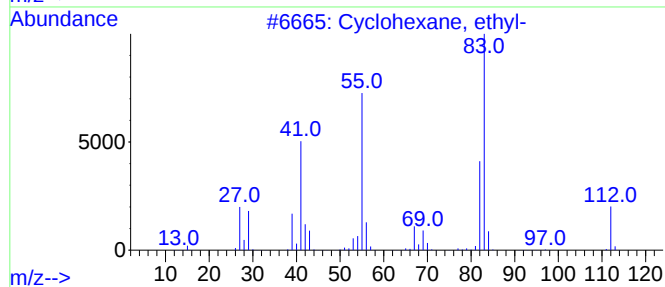
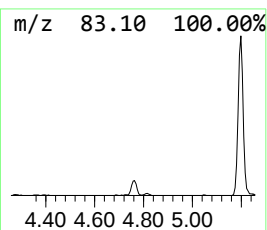
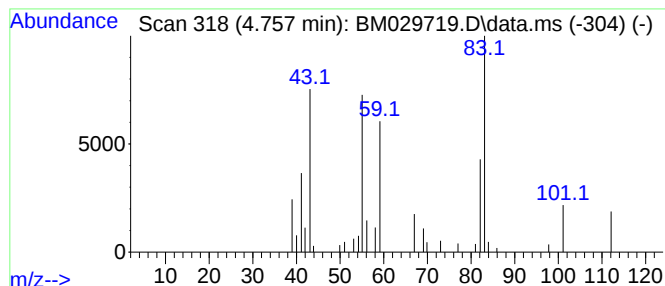
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.757	3.26 ng	66786	1,4-Dichlorobenzene-d4	7.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
2			2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	43
3			3-Ethylcyclopentanone	112	C7H12O	010264-55-8	35
4			Cyclobutanecarboxylic acid, cycl...	154	C9H14O2	042392-30-3	35
5			2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	35



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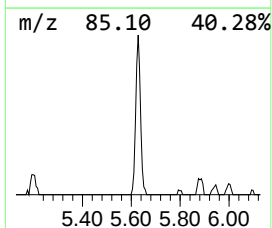
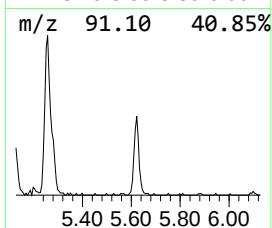
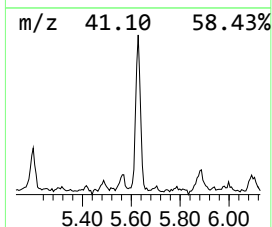
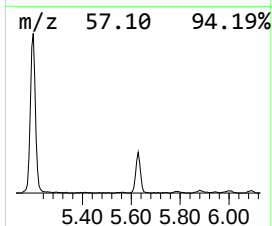
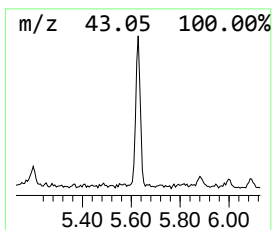
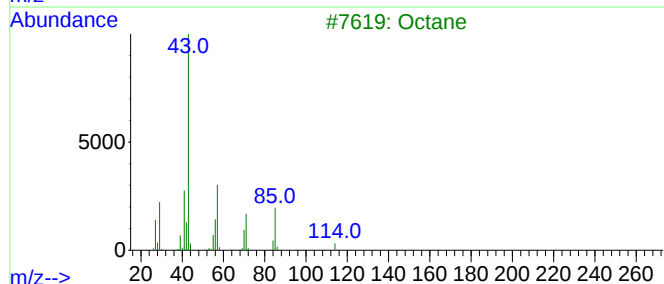
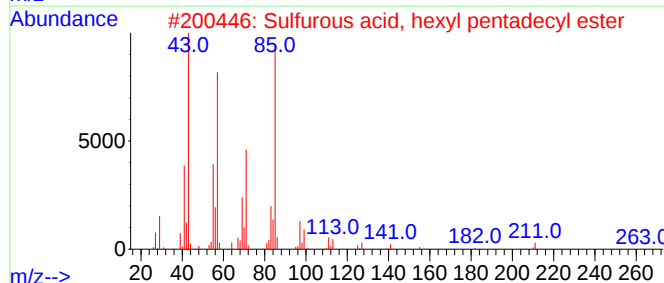
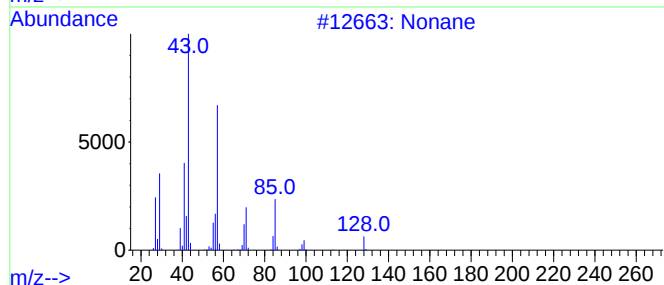
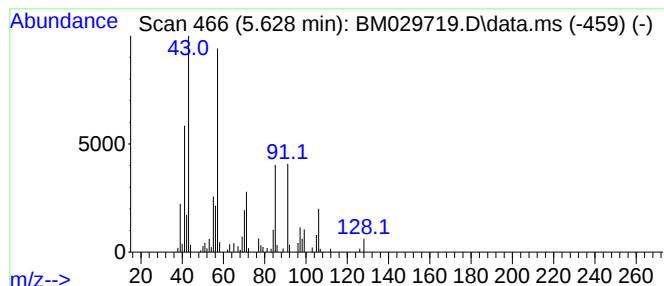
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.628	6.60 ng	135154	1,4-Dichlorobenzene-d4	7.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	90
2			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	53
3			Octane	114	C8H18	000111-65-9	50
4			Tetradecane	198	C14H30	000629-59-4	50
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	43



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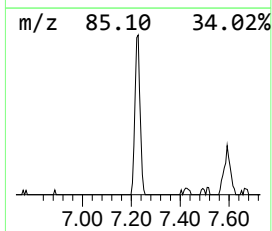
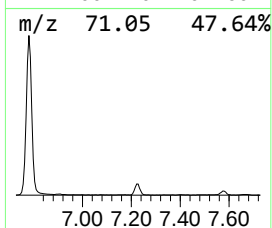
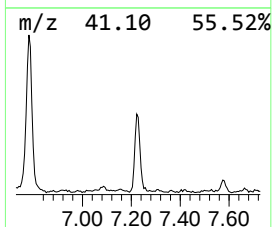
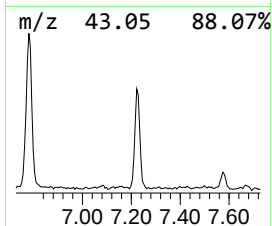
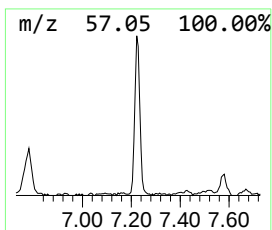
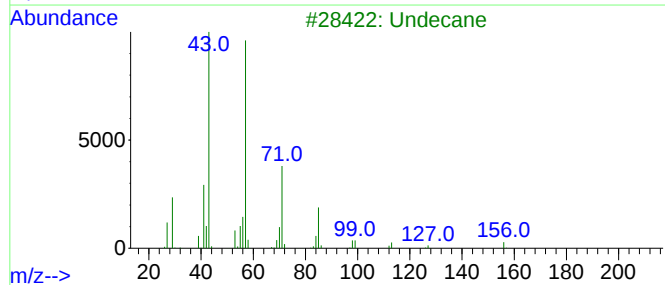
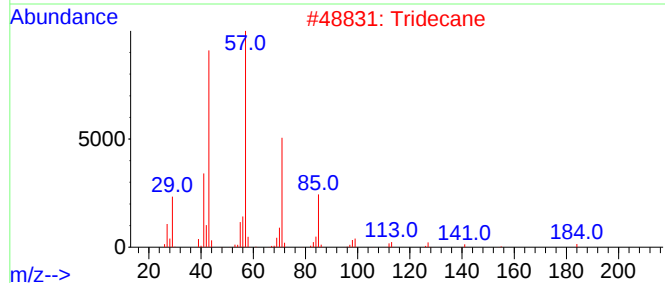
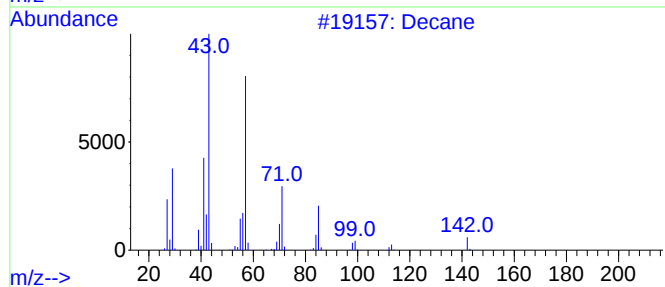
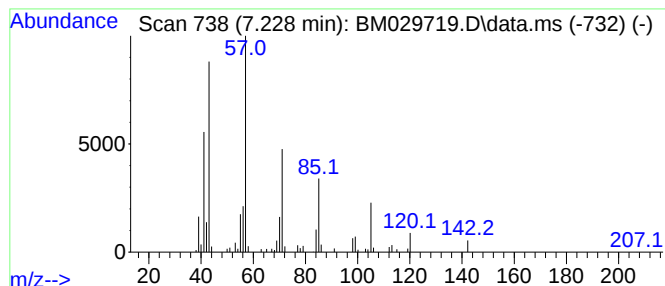
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	10.17 ng	208212	1,4-Dichlorobenzene-d4	7.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Tridecane	184	C13H28	000629-50-5	53
3			Undecane	156	C11H24	001120-21-4	53
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



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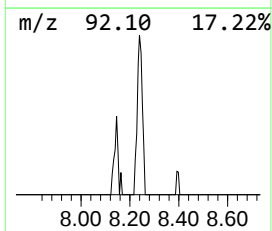
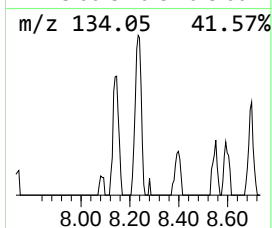
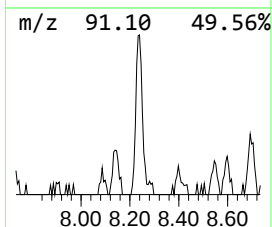
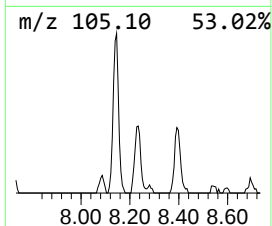
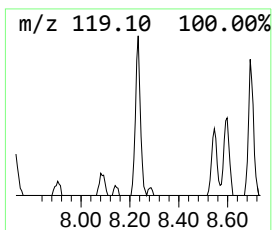
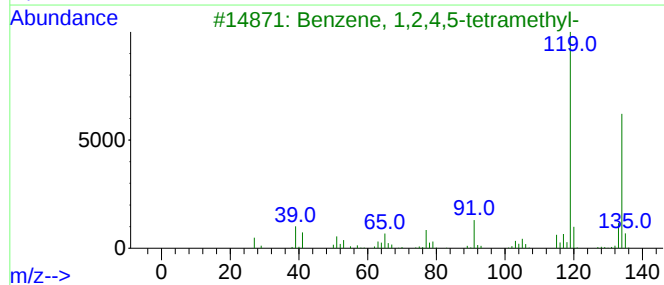
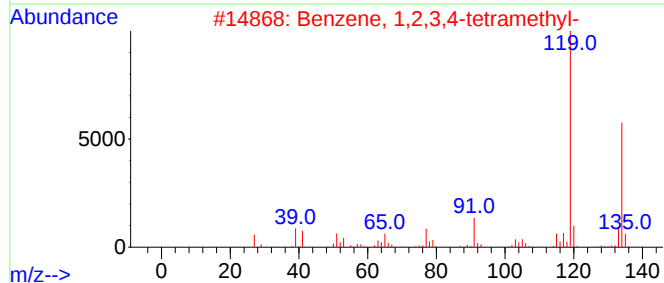
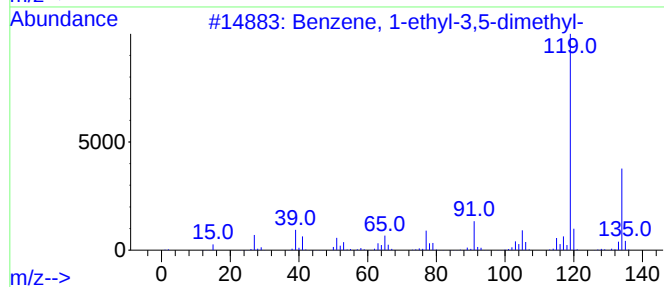
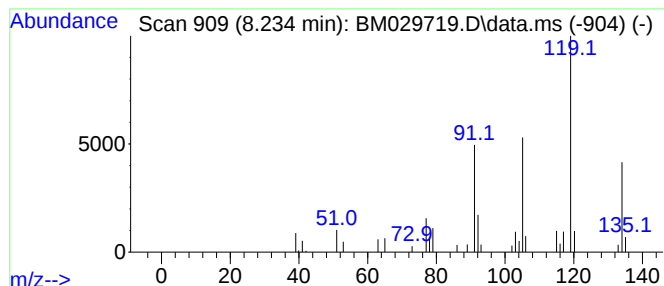
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.234	3.08 ng	63048	1,4-Dichlorobenzene-d4	7.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01

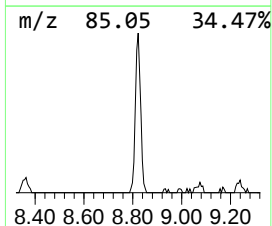
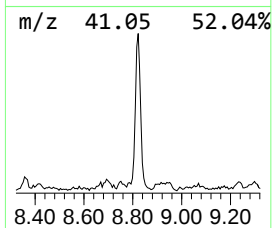
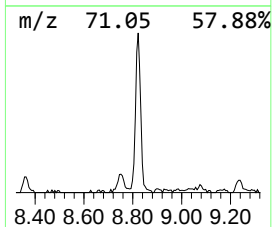
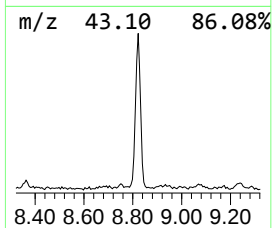
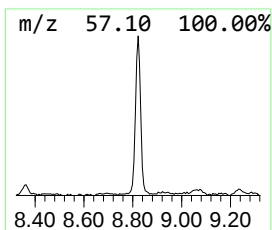
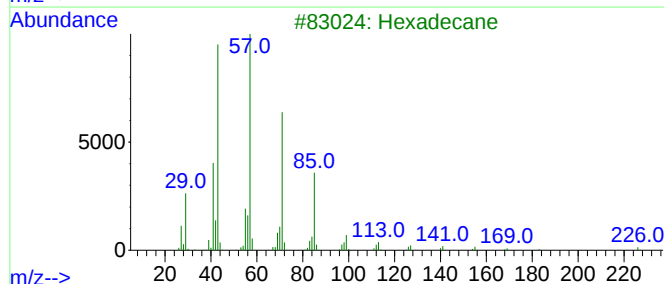
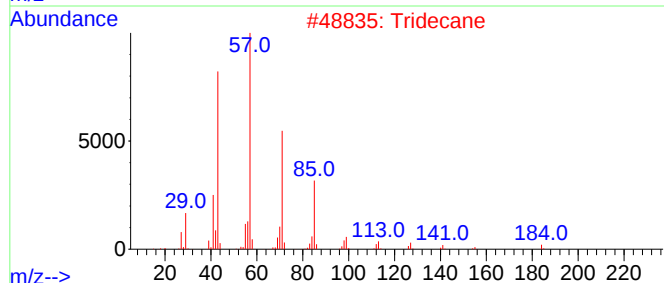
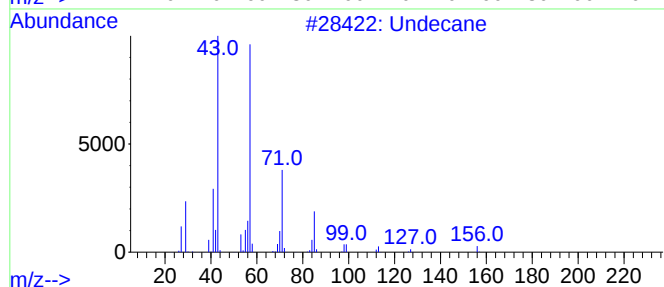
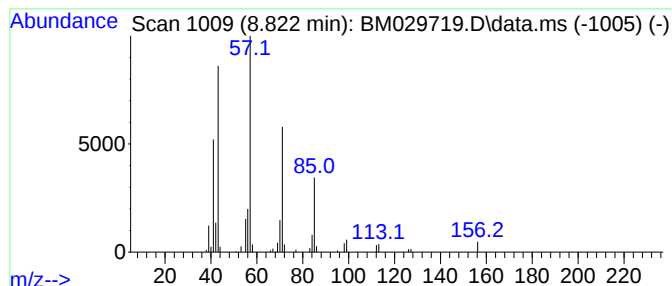
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	8.30 ng	170055	1,4-Dichlorobenzene-d4	7.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Tridecane			184	C13H28	000629-50-5	80
3	Hexadecane			226	C16H34	000544-76-3	80
4	Tetradecane			198	C14H30	000629-59-4	78
5	Undecane, 5-methyl-			170	C12H26	001632-70-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01

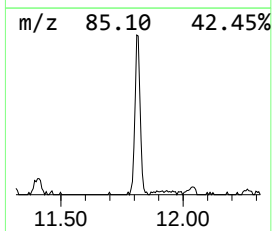
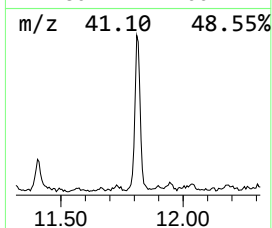
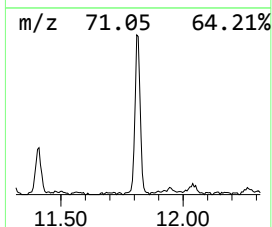
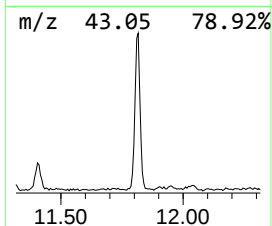
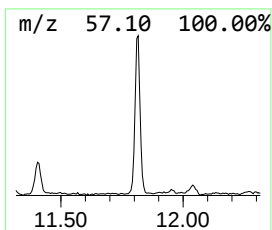
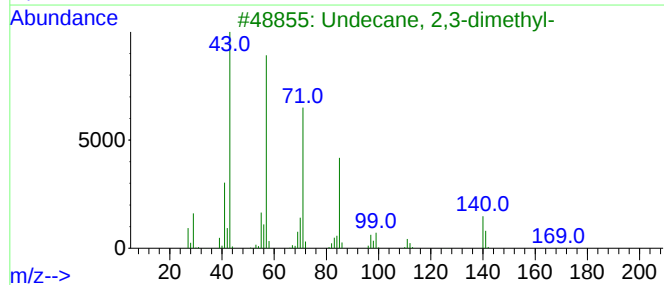
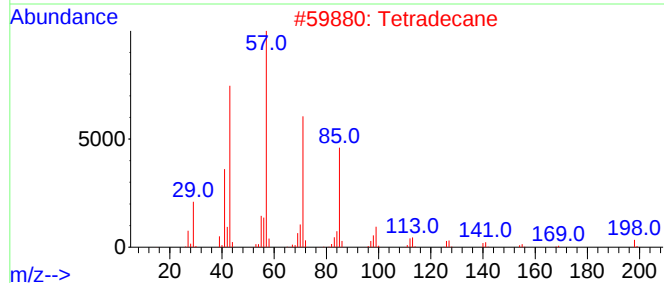
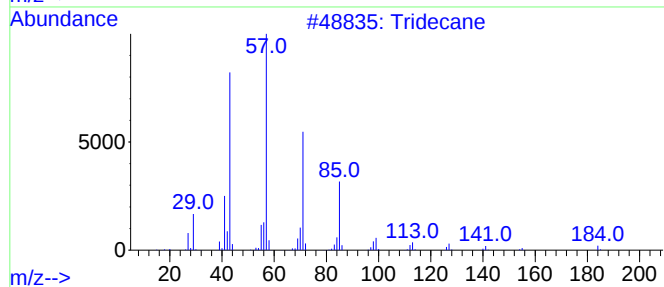
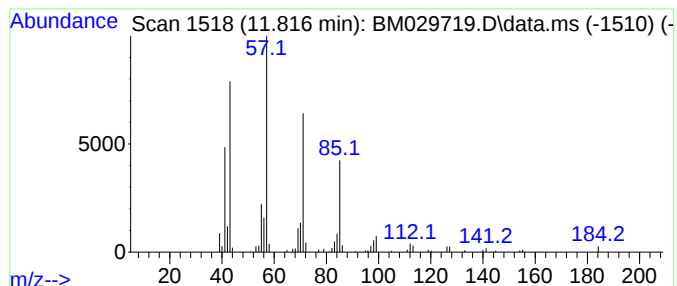
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	6.58 ng	222388	Naphthalene-d8	10.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tetradecane	198	C14H30	000629-59-4	90
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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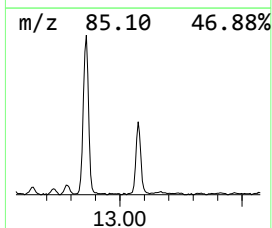
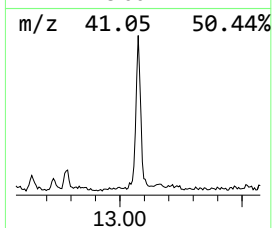
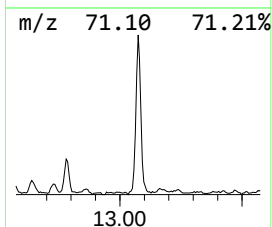
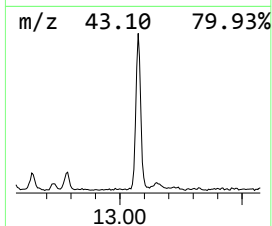
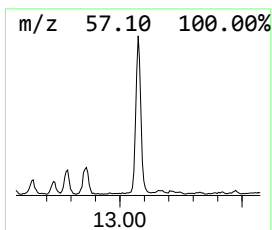
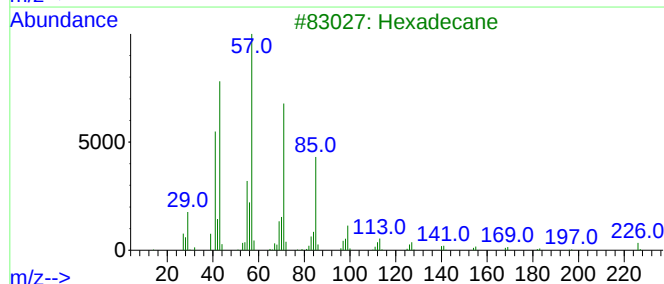
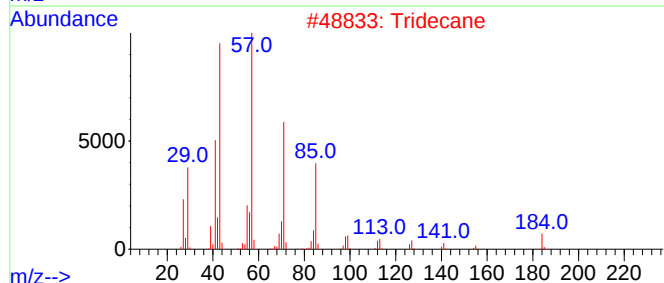
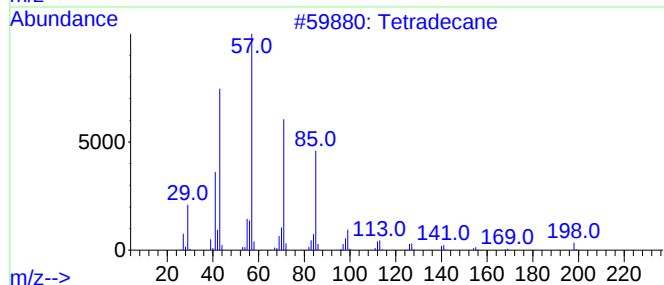
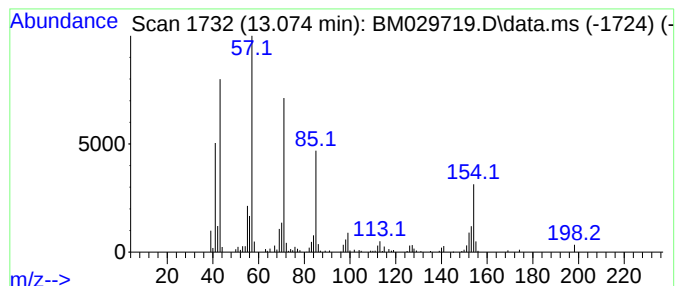
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	7.31 ng	267008	Acenaphthene-d10	14.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane	184	C13H28	000629-50-5	58
3		Hexadecane	226	C16H34	000544-76-3	58
4		Pentadecane	212	C15H32	000629-62-9	58
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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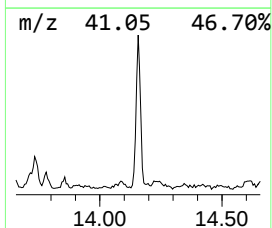
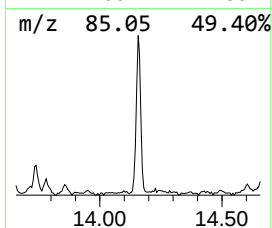
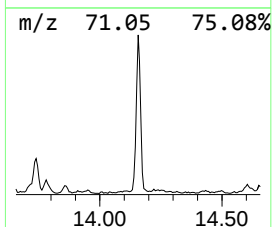
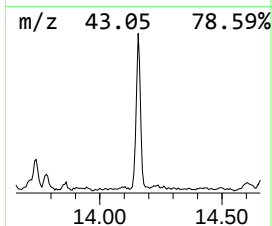
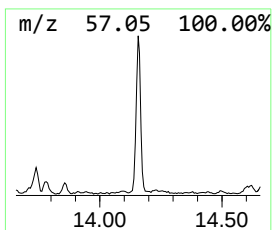
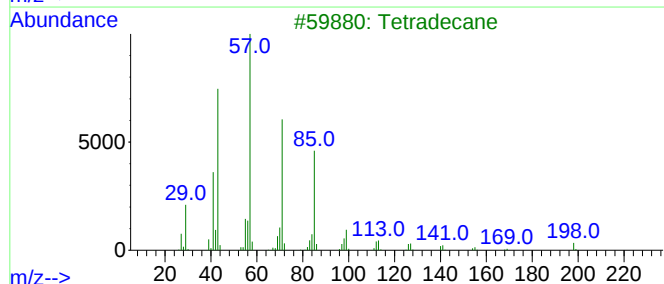
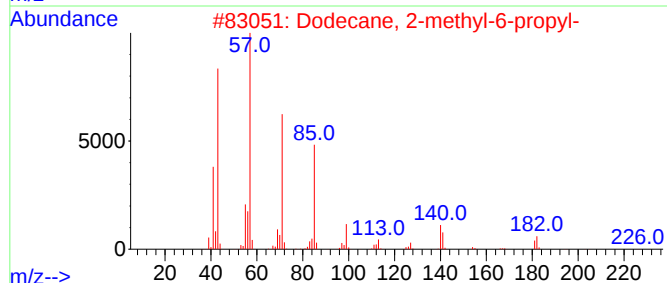
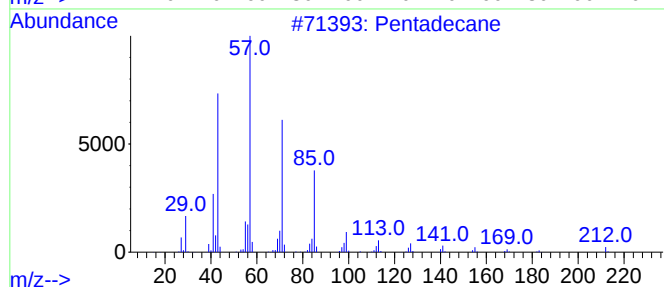
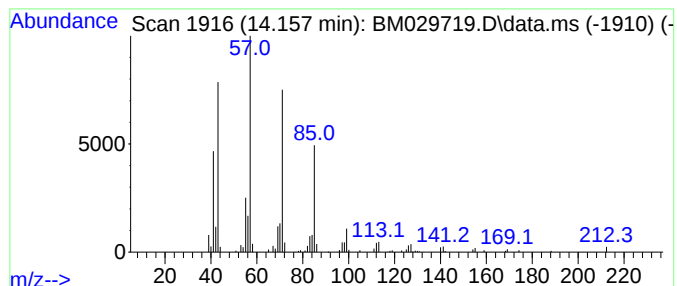
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.157	6.09 ng	222305	Acenaphthene-d10	14.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Hexadecane	226	C16H34	000544-76-3	83
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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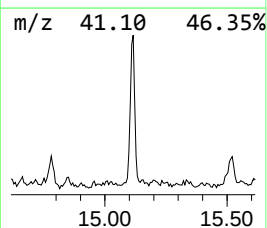
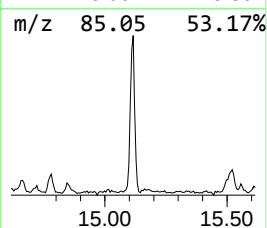
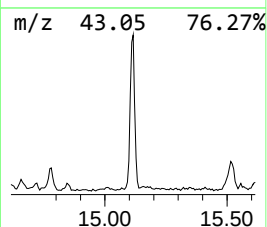
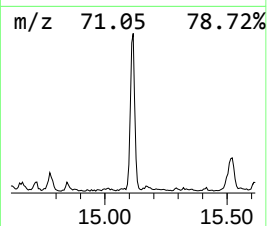
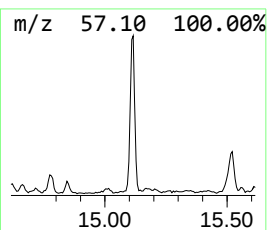
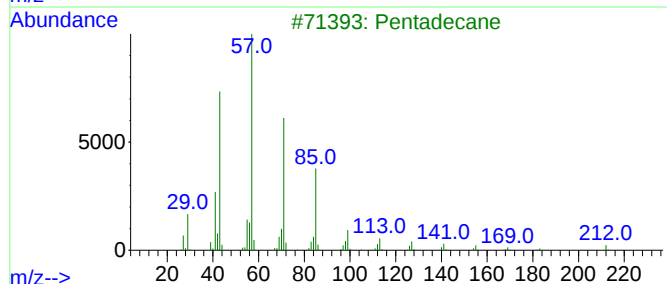
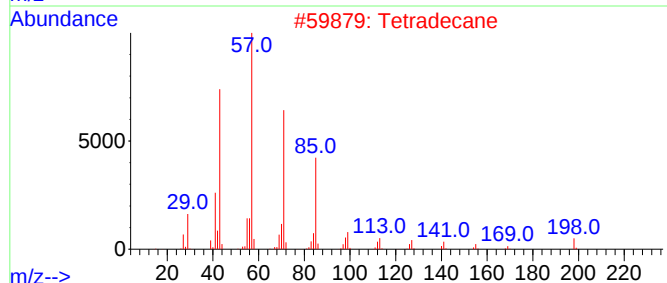
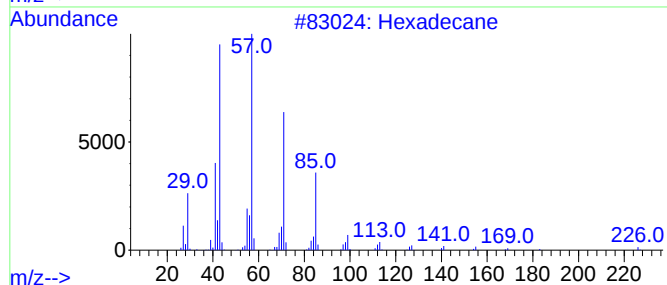
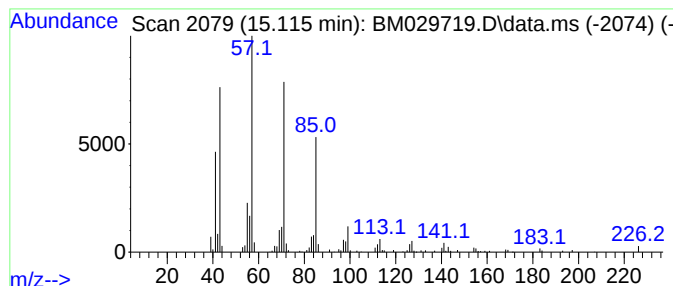
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	5.18 ng	189289	Acenaphthene-d10	14.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Tetradecane	198	C14H30	000629-59-4	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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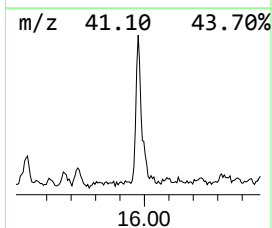
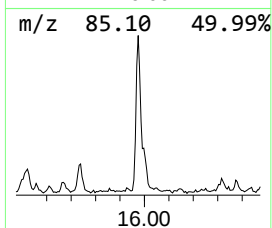
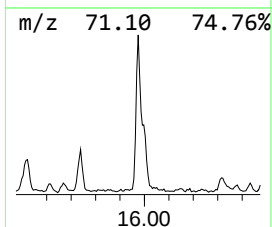
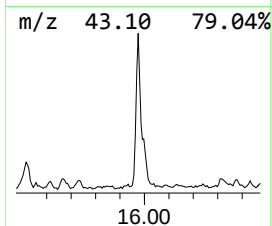
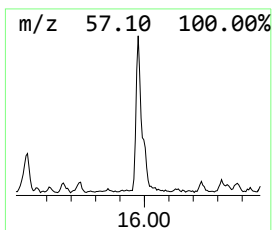
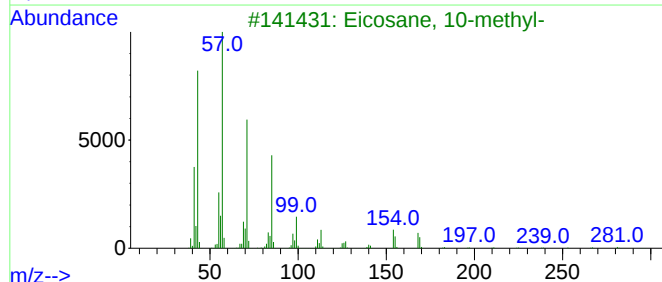
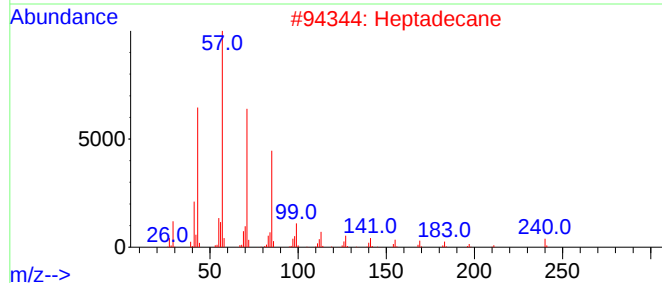
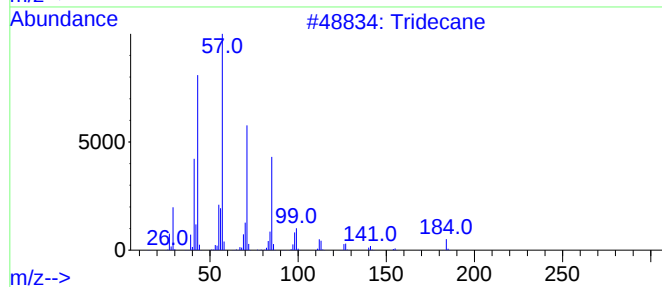
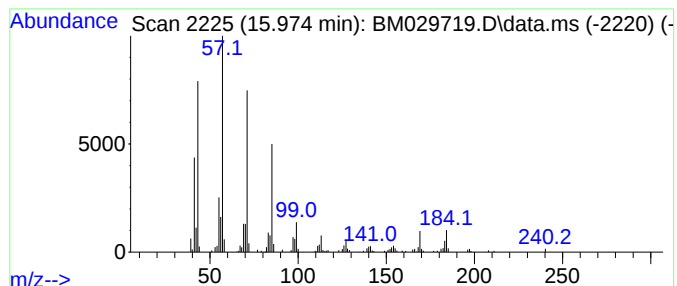
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	7.82 ng	296640	Phenanthrene-d10	16.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Heptadecane	240	C17H36	000629-78-7	87
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
4			Eicosane	282	C20H42	000112-95-8	83
5			Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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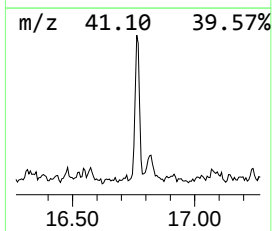
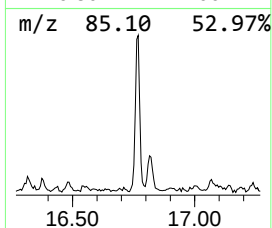
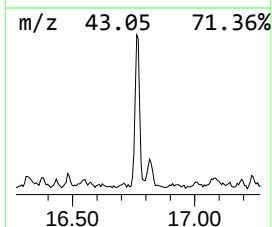
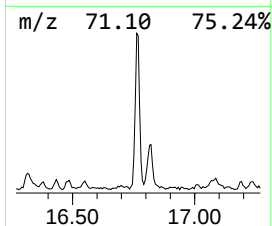
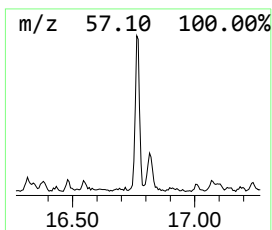
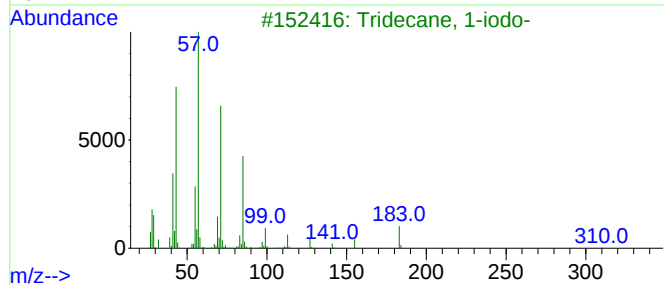
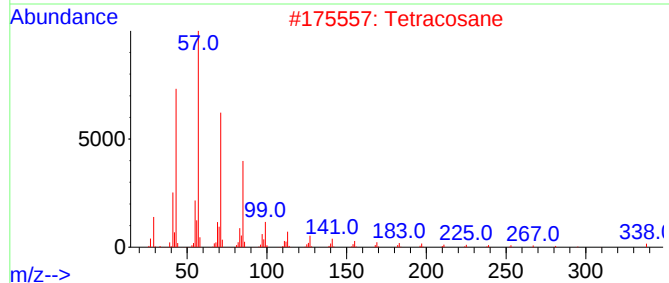
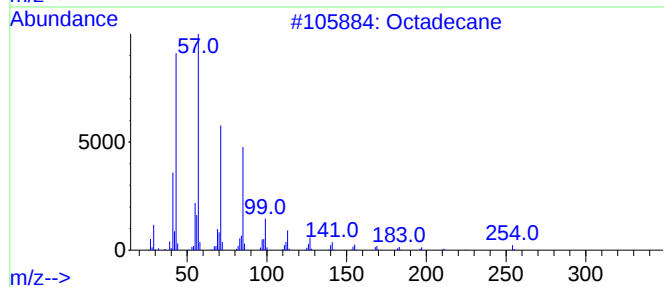
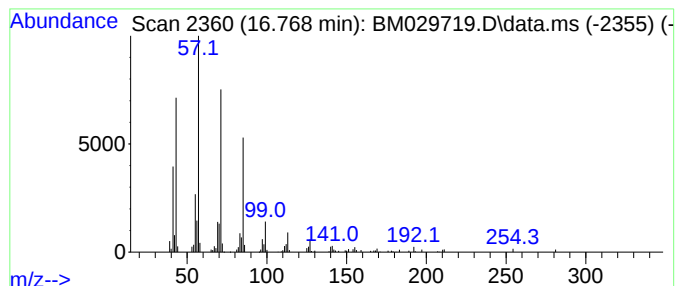
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.768	4.17 ng	158312	Phenanthrene-d10	16.992

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01

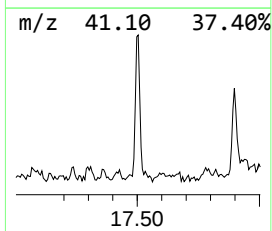
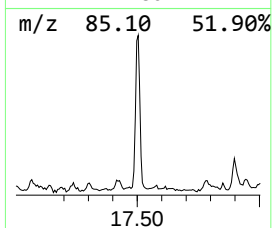
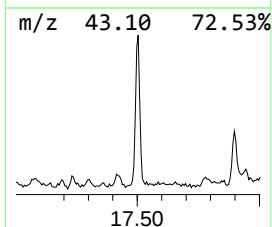
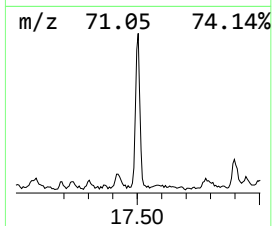
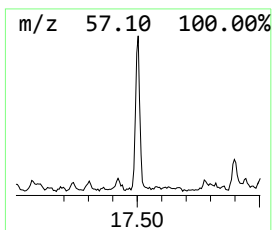
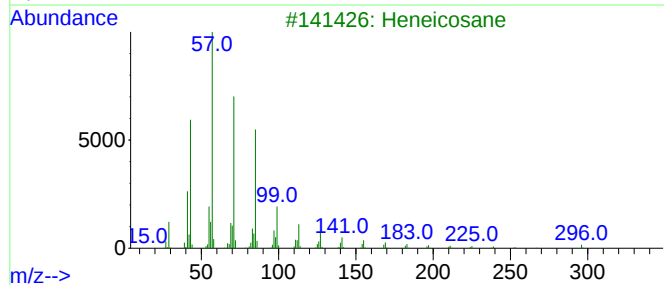
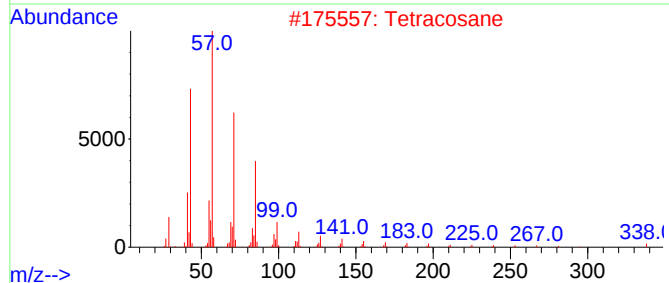
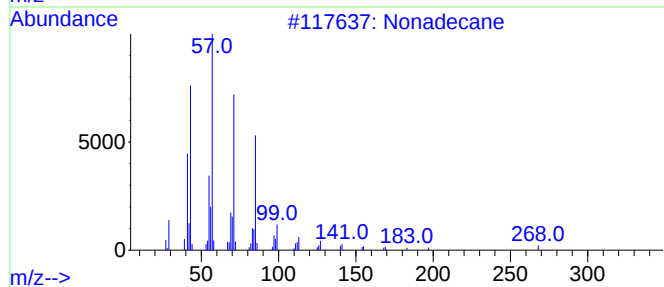
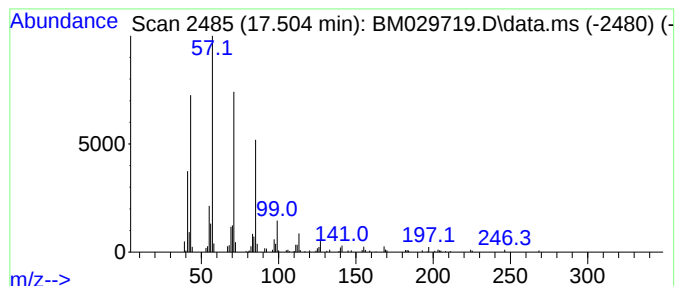
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.503	4.09 ng	155226	Phenanthrene-d10	16.992

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	92
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

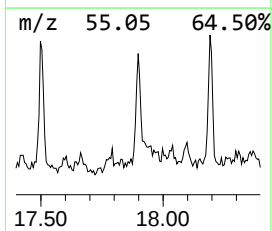
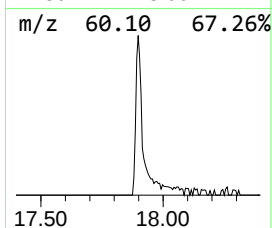
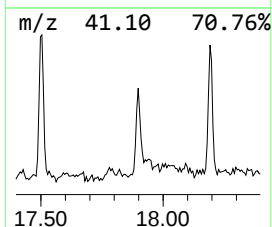
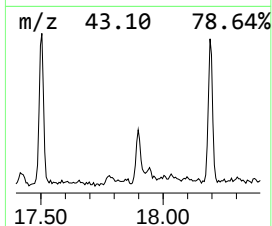
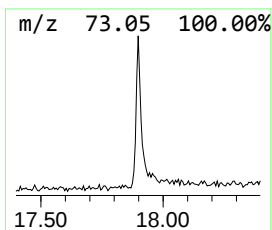
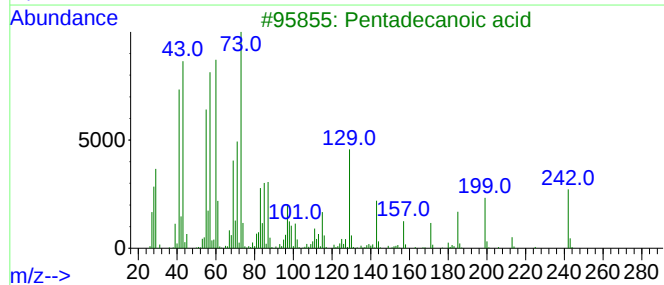
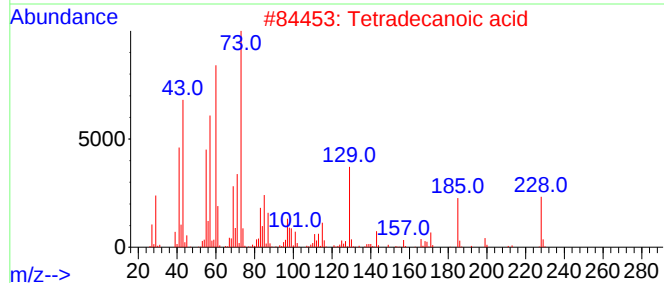
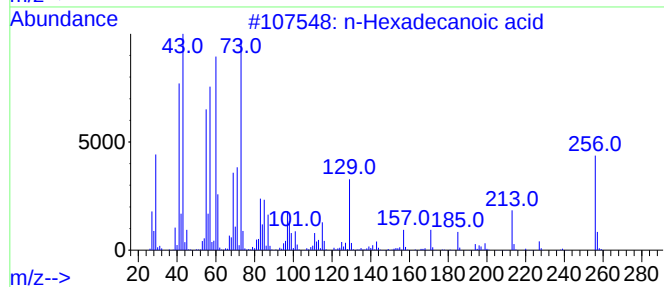
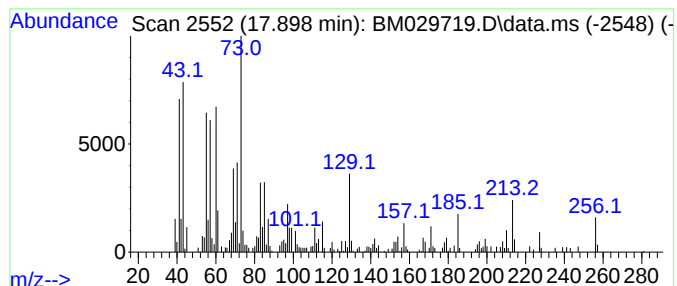
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ClientSampleId :
HTCRV2-GRAB-CF02-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.898	4.04 ng	153109	Phenanthrene-d10		16.992	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
4	Tridecanoic acid		214	C13H26O2	000638-53-9	50
5	n-Decanoic acid		172	C10H20O2	000334-48-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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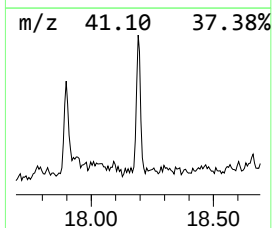
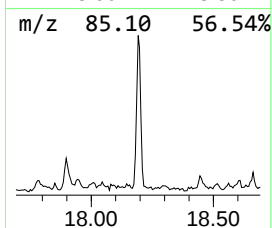
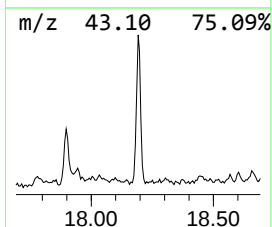
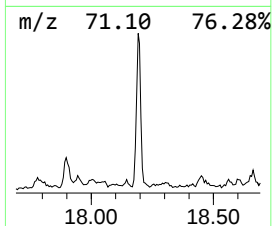
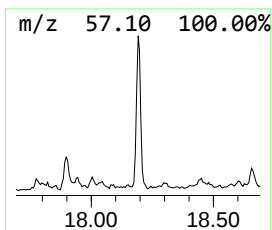
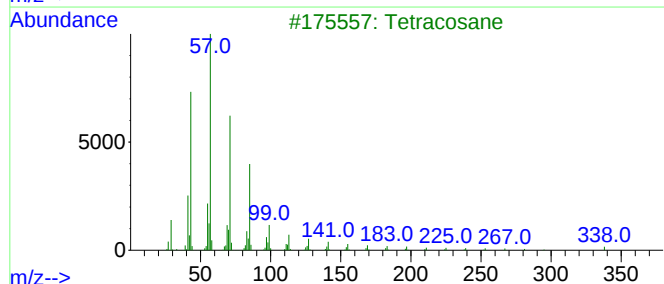
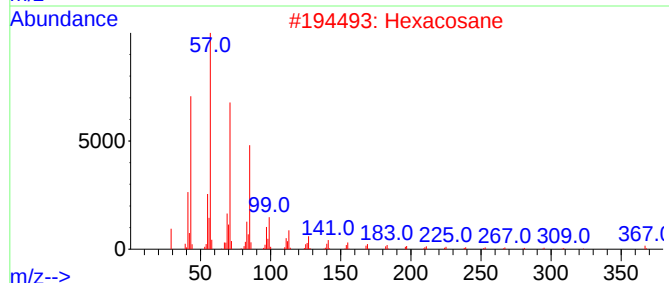
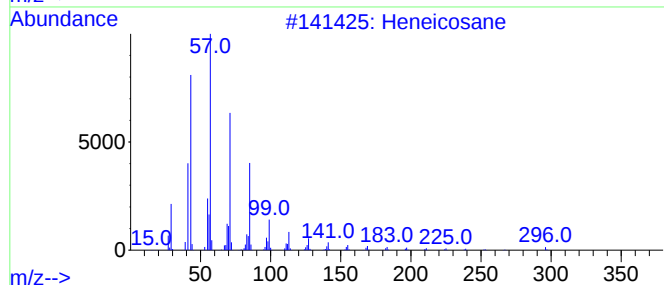
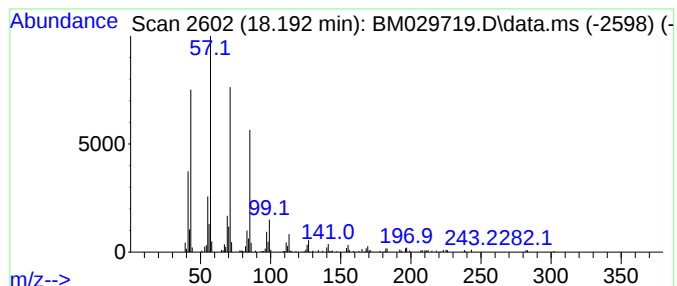
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	4.11 ng	155784	Phenanthrene-d10	16.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Hexadecane	226	C16H34	000544-76-3	87
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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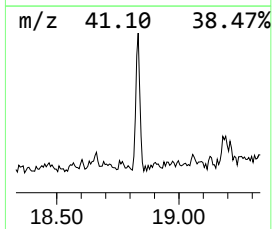
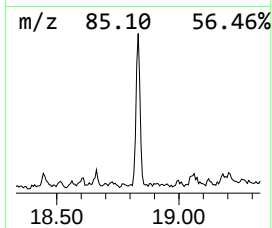
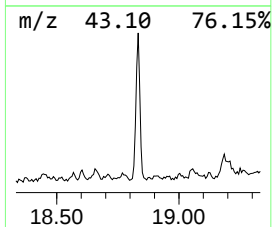
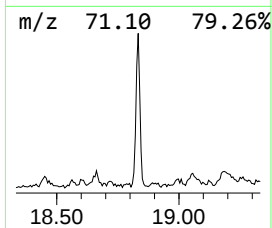
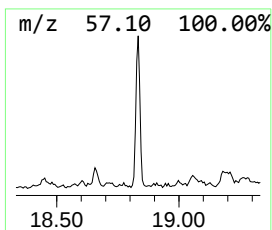
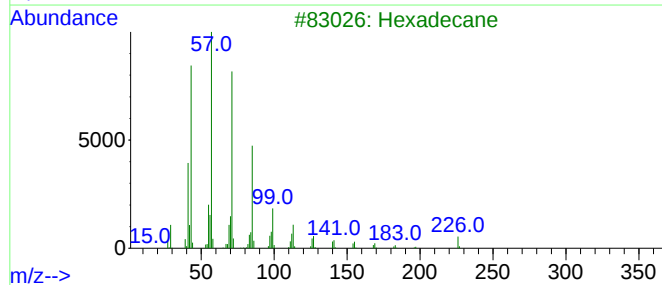
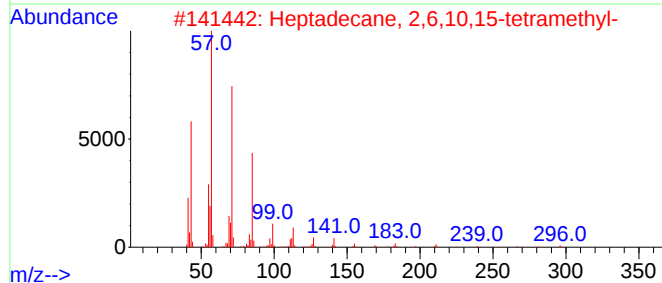
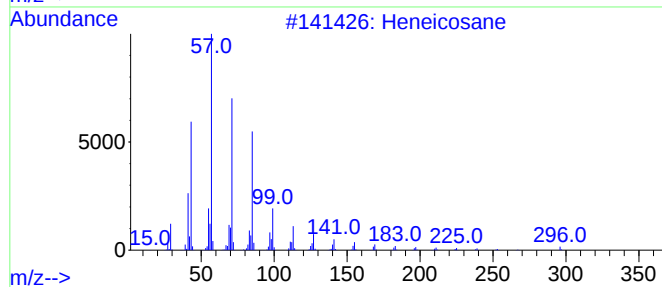
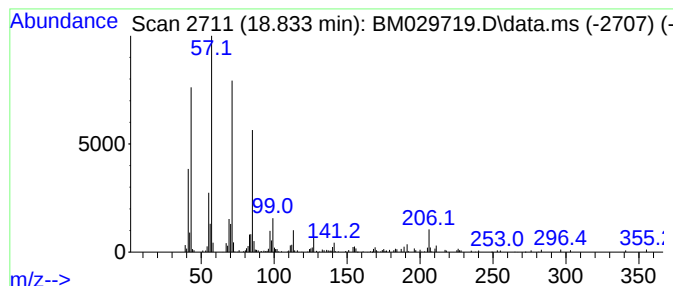
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.833	4.68 ng	177472	Phenanthrene-d10	16.992

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HTCRV2-GRAB-CF02-01

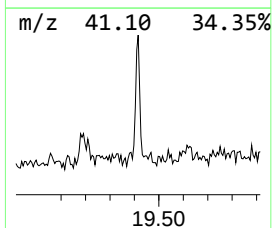
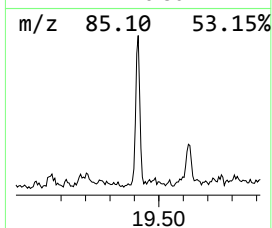
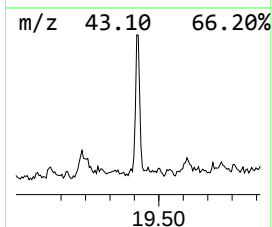
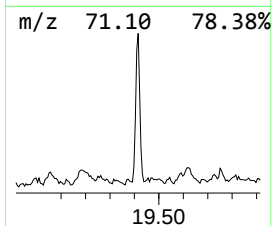
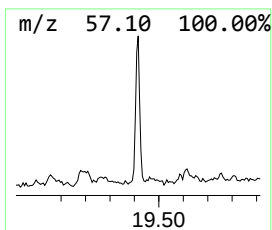
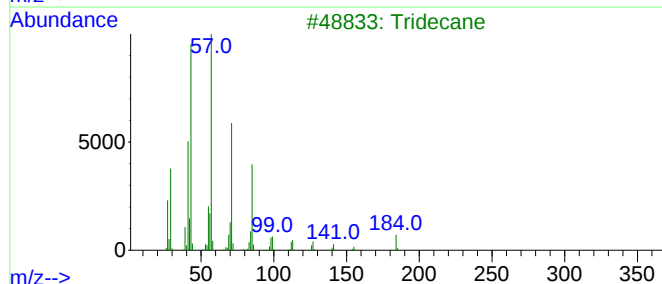
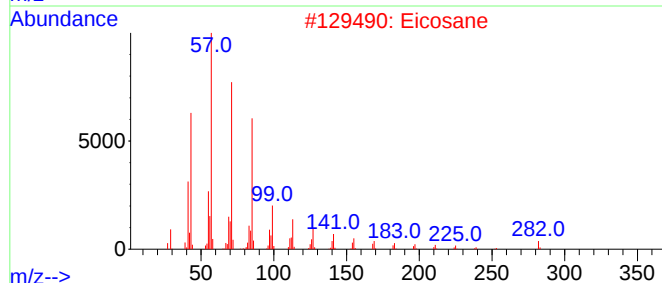
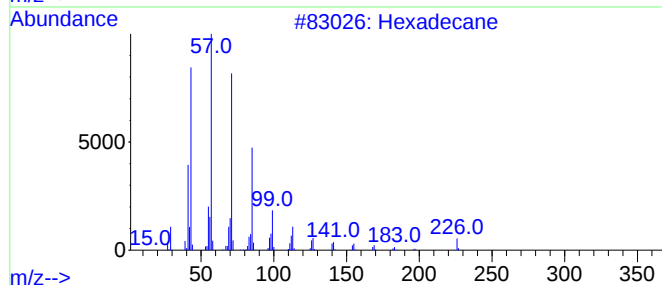
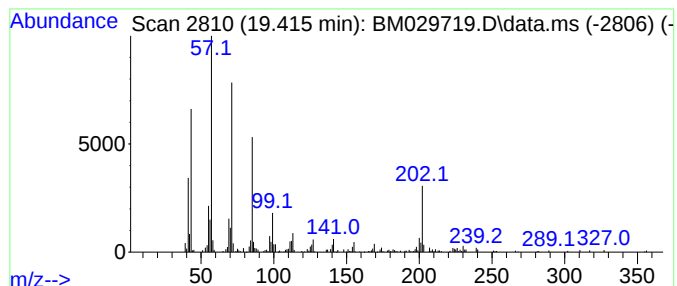
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	3.04 ng	154282	Chrysene-d12	21.174

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Eicosane	282	C20H42	000112-95-8	92
3		Tridecane	184	C13H28	000629-50-5	81
4		Heneicosane	296	C21H44	000629-94-7	74
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HTCRV2-GRAB-CF02-01

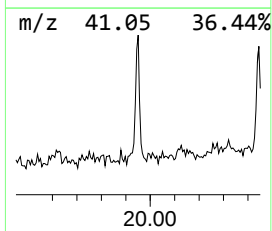
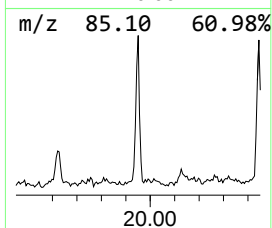
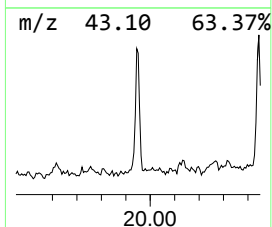
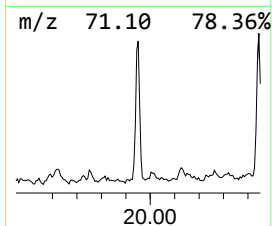
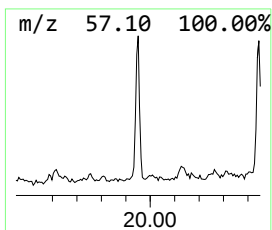
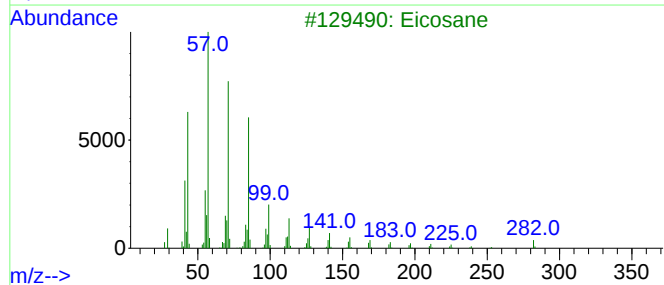
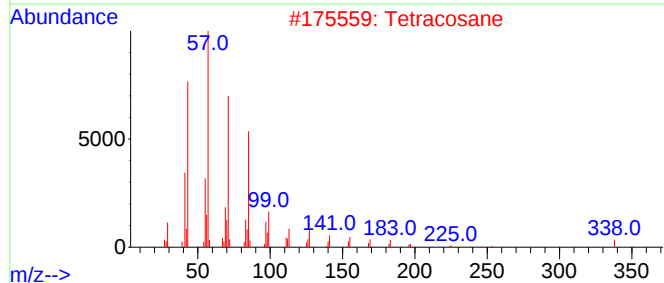
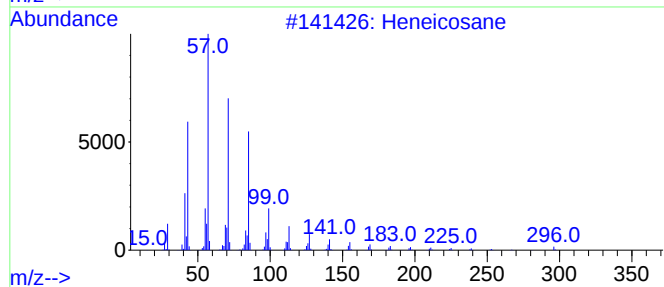
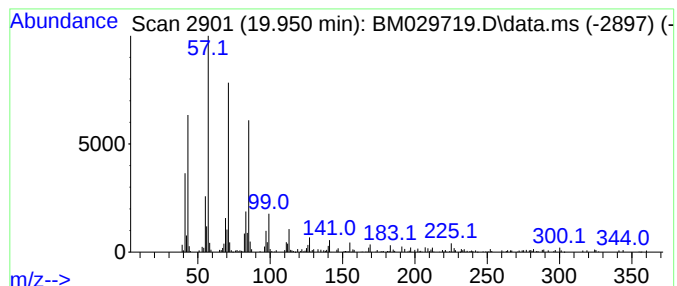
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.950	2.73 ng	138271	Chrysene-d12	21.174

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
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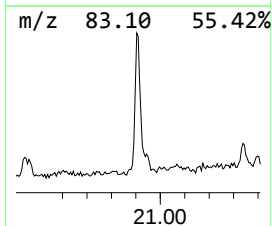
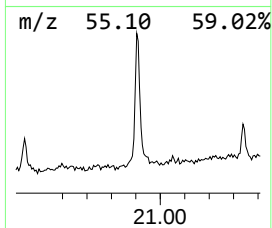
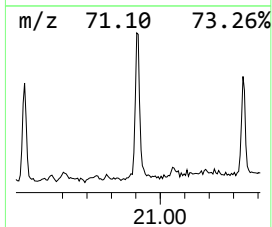
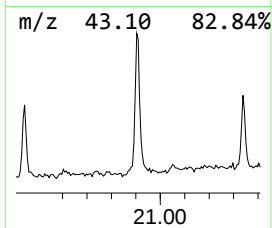
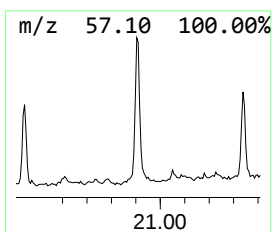
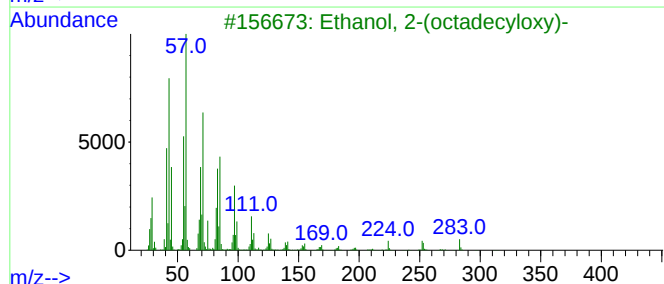
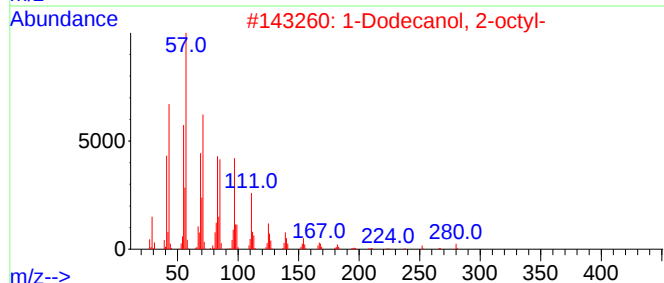
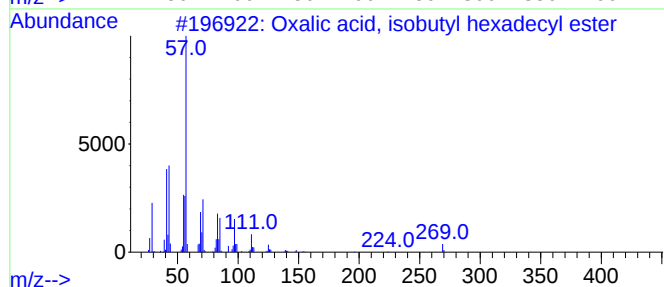
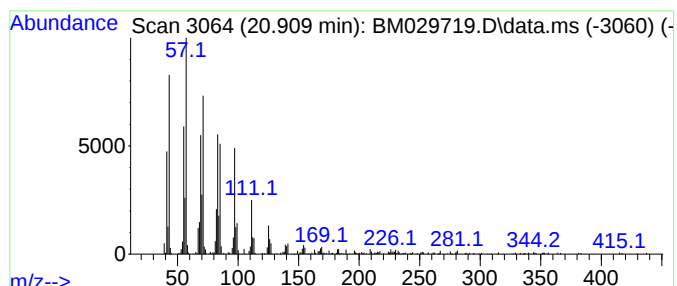
Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Oxalic acid, isobutyl hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.909	8.07 ng	408771	Chrysene-d12	21.174	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	89
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	87
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029719.D
Acq On : 29 Apr 2021 21:13
Operator : CG/JU
Sample : M2217-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HTCRV2-GRAB-CF02-01

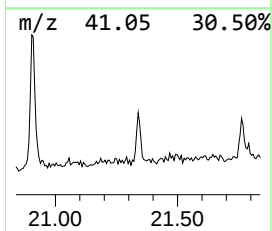
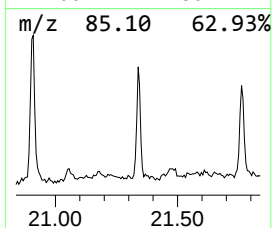
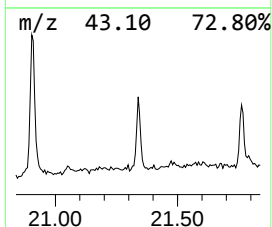
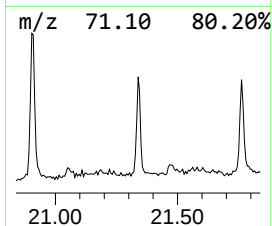
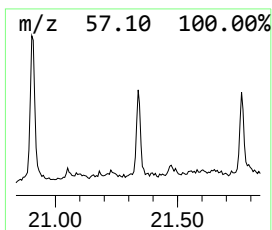
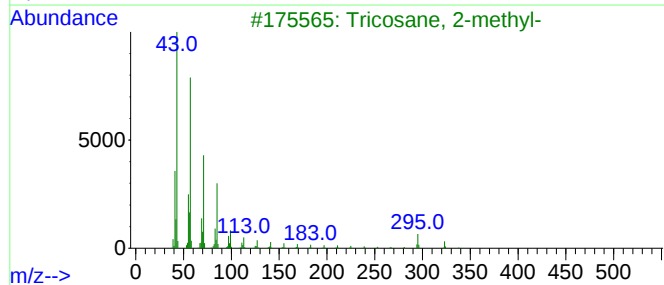
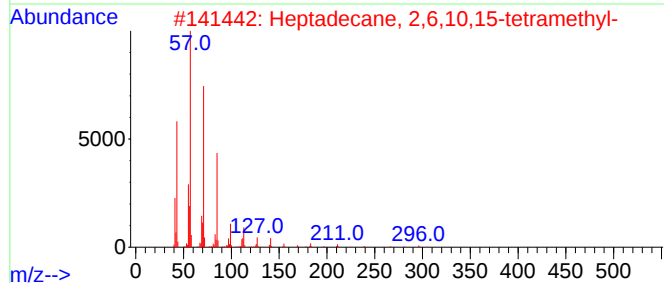
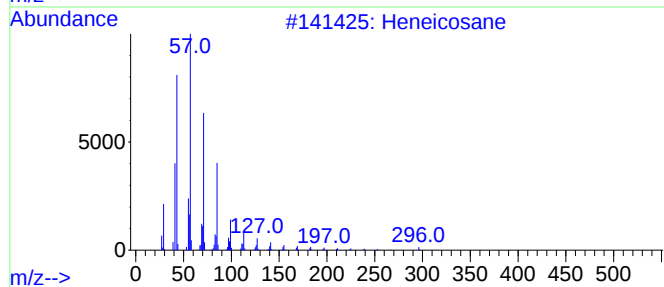
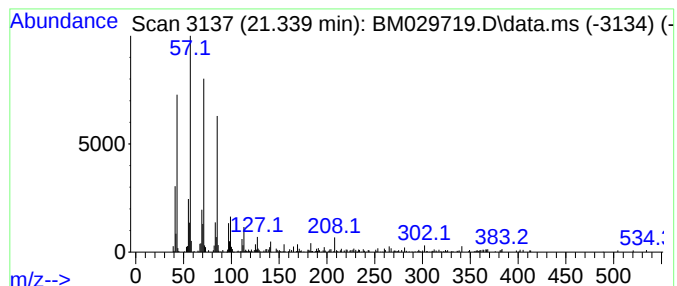
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tricosane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	3.34 ng	169368	Chrysene-d12	21.174

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5			2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029719.D
 Acq On : 29 Apr 2021 21:13
 Operator : CG/JU
 Sample : M2217-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HTRCV2-GRAB-CF02-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, et...	4.757	3.3	ng	66786	1	7.598	409576	20.0
Nonane	5.628	6.6	ng	135154	1	7.598	409576	20.0
Decane	7.228	10.2	ng	208212	1	7.598	409576	20.0
Benzene, 1-ethy...	8.234	3.1	ng	63048	1	7.598	409576	20.0
Undecane	8.822	8.3	ng	170055	1	7.598	409576	20.0
Tridecane	11.816	6.6	ng	222388	2	10.375	675636	20.0
Tetradecane	13.074	7.3	ng	267008	3	14.245	730474	20.0
Pentadecane	14.157	6.1	ng	222305	3	14.245	730474	20.0
Hexadecane	15.115	5.2	ng	189289	3	14.245	730474	20.0
Heptadecane	15.974	7.8	ng	296640	4	16.992	758671	20.0
Octadecane	16.768	4.2	ng	158312	4	16.992	758671	20.0
Nonadecane	17.503	4.1	ng	155226	4	16.992	758671	20.0
n-Hexadecanoic ...	17.898	4.0	ng	153109	4	16.992	758671	20.0
Heneicosane	18.192	4.1	ng	155784	4	16.992	758671	20.0
Heptadecane, 2,...	18.833	4.7	ng	177472	4	16.992	758671	20.0
Eicosane	19.415	3.0	ng	154282	5	21.174	1013670	20.0
Tetracosane	19.950	2.7	ng	138271	5	21.174	1013670	20.0
Oxalic acid, is...	20.909	8.1	ng	408771	5	21.174	1013670	20.0
Tricosane, 2-me...	21.339	3.3	ng	169368	5	21.174	1013670	20.0